


# Parts Export

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Total Parts: 1

Image	Part Number	Name	Category	Manufacturer	Description	Specification	Tags
	<b>EDT-00007-A</b>	Flex Sensor	ED - Electronic Device	Spectra Symbol, SparkFun, Adafruit, Interlink Electronics, Generic	A simple Flex Sensor 2.2? – Bend Sensor with a length of 2.2? which bends and flexes with a physical device. As the sensor is flex, the resistance across the sensor increases. A connector is 0.1? spaced and breadboard friendly. The flex sensor is a bend detecting sensor that has got numerous applications in Robotics, Gaming (Virtual Motion), Medical Devices, Computer Peripherals, Musical Instruments, Physical Therapy... The resistance of these sensors changes in accordance with the bend, which can be measured using any microcontroller.	Bend Resistance: minimum 20K Ohms $\pm$ 30% (@ 180° pinch bend) Flat Resistance: 10K Ohms $\pm$ 30% Flex length: 2.2 inch (5.6 cm) Power: 0.5 Watts continuous; 1 Watt Peak. Length: 7 cm	Electronics • flex sensor • bend sensor • sensor • analog • resistance • wearable